

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

CheekAir

Application Number

10/714694

Applicant(s)

Lowell R. Wedemeyer

Filing Date

11-17-2003

Group Art Unit

3772

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|-----|---------------------|------------|-----------------------|-------|----------|-------------------------------|
| BJ | | DES 0406647 | 03/09/1999 | Wagner, Eugene C. | D24 | 181; 231 | 08/15/1997 |
| | | 0587358 | 08/13/1897 | Anderson, Svante | | | 02/15/1897 |
| | | 0746869 | 12/15/1903 | Moulton, S.A. | | | 08/5/1903 |
| | | 0774446 | 11/08/1904 | Moulton, S.A. | | | 05/19/1904 |
| | | 1674336 | 06/19/1928 | King, E. J. | | | 10/27/1927 |
| | | PUB 2002/0117178 A1 | 08/29/2002 | Dort, Leslie | 128 | 860 | 02/28/2002 |
| | | 2424533 | 07/22/1947 | Faires, W. J. | | | 07/21/1945 |
| | | 2756742 | 07/31/1956 | Barton, R. T. | 128 | 15 | 08/18/1953 |
| | | 2882893 | 04/21/1959 | Godfroy, N.A.C. | 128 | 136 | 05/23/1957 |
| ✓ | | 3132647 | 05/12/1964 | Corniello, G. | 128 | 136 | 04/19/1962 |
| BJ | | 3857181 | 12/31/1974 | Rappaport, Bernard B. | 32 | 36 | 07/26/1973 |

FOREIGN PATENT DOCUMENTS

| | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

/Brandon Jackson/

DATE CONSIDERED

11/17/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Express Mail Label No ER 771674945 U.S.

| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) CheekAir | | Application Number 10/714694 | | |
|---|-----|-----------------|------------|---|----------|--|-------------------------------|----|
| | | | | Applicant(s) Lowell R. Wedemeyer | | | | |
| | | | | Filing Date 11-17-2003 | | Group Art Unit 3772 | | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| BJ | | 4071026 | 01/31/1978 | Bevins, Jesse Althen | 128 | 147, 136 | 02/05/1976 | |
| | | 4112936 | 09/12/1978 | Blachly, Paul H. | 128 | 136, 208 | 09/27/1976 | |
| | | 4169473 | 10/02/1979 | Samelson, Charles F. | 128 | 136, 132 | 03/03/1978 | |
| | | 4170230 | 10/09/1979 | Nelson, Byron G. | 128 | 139, 136 | 04/14/1978 | |
| | | 4200089 | 04/29/1980 | Inoue, Masaomi | 128 | 12 | 04/13/1978 | |
| | | 4262666 | 04/21/1981 | Nelson, Byron G. | 128 | 203.23 | 10/24/1979 | |
| | | 4275725 | 06/30/1981 | Nelson, Byron G. | 128 | 207.14 | 12/03/1979 | |
| | | 4289127 | 09/15/1981 | Nelson, Byron G. | 128 | 207.14 | 10/29/1979 | |
| | | 4304227 | 12/08/1981 | Samelson, Charles F. | 128 | 136, 132 | 08/27/1979 | |
| ↓ | | 4553549 | 11/19/1985 | Pope, B. M.; Hawkins, R. | 128, 433 | 421, 787 | 10/09/1984 | |
| BJ | | 4669459 | 06/02/1987 | Spiewak, M. H.; Paskow, H. | 128 | 136 | 11/29/1985 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

CheekAir

Application Number

10/714649

Applicant(s)

Lowell R. Wedemeyer

Filing Date

11/17/2003

Group Art Unit

3772

U.S. PATENT DOCUMENTS

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|----------------------|-----|-----------------|------------|------------------------------|----------|----------|-------------------------------|
| BJ | | 4715368 | 12/29/1987 | George, Peter T. | 128; 433 | 136; 6 | 08/06/1986 |
| | | 4992046 | 02/12/1991 | Sharp, Harry K. | 433 | 93, 91 | 02/03/1989 |
| | | 5003994 | 04/02/1991 | Cook, George W. | 128 | 848, 859 | 10/10/1989 |
| | | 5046512 | 09/10/1991 | Murchie, John A. | 128 | 848, 859 | 08/30/1989 |
| | | 5092346 | 03/03/1992 | Hays, M. B.; Meade, T. E. | 128 | 848, 859 | 11/16/1990 |
| | | 5117816 | 06/02/1992 | Shapiro, N. A. ; Feldman, S. | 128 | 200.24 | 01/03/1991 |
| | | 5313960 | 05/24/1994 | Tomasi, Barbara R. | 128 | 848, 859 | 11/04/1992 |
| | | 5427117 | 06/27/1995 | Thornton, W. Keith | 128; 602 | 848, 859 | 09/29/1993 |
| | | 5465734 | 11/14/1995 | Alvarez, R. M.; Lea, S. J. | 128 | 848, 860 | 04/05/1994 |
| | | 5507284 | 04/16/1996 | Daneshvar, Yousef | 128 | 207.14 | 09/27/1993 |
| BJ | | 5566683 | 10/22/1996 | Thornton, W. Keith | 128 | 848, 859 | 03/24/1995 |

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| BJ | | 5642738 | 07/31/1997 | Lilly, Frank T., Jr. | 128 | 848, 859 | 07/11/1996 |
| | | 5649540 | 07/22/1997 | Alvarez, R. M.; Barcelo, L., | 128 | 848, 860 | 04/05/1994 |
| | | 5682903 | 11/04/1997 | Meade, Thomas E. | 128 | 848, 859 | 04/12/1995 |
| | | 5740799 | 04/21/1998 | Aves, Teodulo | 128, 600 | 200.26 | 04/26/1996 |
| | | 5755219 | 05/26/1998 | Thornton, W. Keith | 128 | 201.18 | 5/14/1996 |
| | | 5813857 | 09/29/1998 | Hertz, Reuben | 433; 600 | 93, 140 | 07/17/1996 |
| | | 5829441 | 11/03/1998 | Kidd, L. A.; Lane, D. M. | 128; 602 | 848, 859 | 06/24/1997 |
| | | 5868138 | 02/09/1999 | Halstrom, Leonard W. | 128; 602 | 848, 859 | 01/16/1997 |
| | | 5894840 | 04/20/1999 | King, George H. K. | 128 | 200.26 | 12/05/1995 |
| ↓ | | 5915385 | 06/29/1999 | Hakimi, Farhad | 128; 602 | 848, 859 | 04/02/1997 |
| BJ | | 5921240 | 07/13/1999 | Gall, Robert A. | 128; 602 | 848, 859 | 05/23/1997 |

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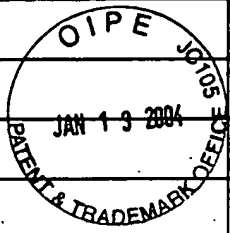
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| | | | | Applicant(s) Lowell R. Wedemeyer | | | | |
| | | | | Filing Date 11/17/2003 | | Group Art Unit 3772 | | |
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| BJ | | 5927276 | 07/27/1999 | Rodriguez, Paul I. | 128 | 207.17, | 07/09/1997 | |
| | | 5941246 | 08/24/1999 | Roopchand, Roland | 128 | 207.14 | 10/31/1997 | |
| | | 5954048 | 09/21/1999 | Thornton, W. Keith | 128 | 201.18 | 04/16/1997 | |
| | | 5957133 | 09/28/1999 | Hart, William T. | 128 | 207.14 | 07/21/1997 | |
| | | 6244865 | 06/12/2001 | Nelson, Dale; Salemi, M. J. | 433; 128 | 140; 860 | 12/06/1999 | |
| | | 6247926 | 06/19/2001 | Thornton, W. Keith | 433 | 48, 214 | 01/17/2000 | |
| | | 6263877 | 07/24/2001 | Gall, Robert A. | 128; 602 | 848, 859 | 02/19/1997 | |
| | | 6305376 | 10/23/2001 | Thornton, W. Keith | 128; 602 | 848, 859 | 09/09/1999 | |
| | | 6408851 | 06/25/2002 | Karell, Manuel L. | 128; 602 | 848, 859 | 10/01/1999 | |
| V | | 6450157 | 09/17/2002 | David, Michel; Robert, D. ; .. | 128; 602 | 848, 859 | 07/25/1996 | |
| BJ | | 6494209 | 12/17/2002 | Kulick, George | 128; 602 | 848, 859 | 04/02/2001 | |
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| | Applicant(s) Lowell R. Wedemeyer | |
| | Filing Date 11/17/2003 | Group Art Unit 3772 |

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|----------------------|-----|-----------------|------------|------------------------------|----------|----------|-------------------------------|
| BJ | | 6516805 | 02/11/2003 | Thornton, W. Keith | 128; 602 | 848, 859 | 03/31/1997 |
| ↓ | | 6533761 | 03/18/2003 | Bertoch, T. M.; Gingrich, T. | 604; 128 | 174 | 05/31/2001 |
| ↓ | | 6561192 | 05/13/2003 | Palmer, Charles | 128 | 207.17 | 04/01/2001 |
| BJ | | 4261354 | 04/14/1981 | Nelson, Byron G. | 128 | 203.23 | 11/26/1979 |
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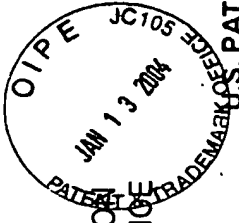
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INFORMATION DISCLOSURE CITATION
CONCISE STATEMENT OF RELEVANCE

Patent IDS Listing

Application Number 10714694
Filing Date 11/17/2003
First Named Inventor Lowell R. Wedemeyer
Group Art Unit
Examiner Name
Attorney Docket Number CheekAir

1/10/2004

INDEXED BY RELEVANCE TOPIC

U.S. PATENT DOCUMENTS

| EXAMINER | DOCUMENT | DATE | INVENTOR NAME | FIG. COLUMN LINE CITES | CONCISE STATEMENT OF RELEVANCE |
|----------|------------|---------------|---|------------------------|---|
| 4553549 | 11/19/1985 | Pope, Bryan | Entire | | Air equalizer flex conduit, cheek path; interocclusal baffle; palate anchor |
| 5740791 | 4/21/1998 | Aves, Teodu | Figs 1, 2, 4, 6, 7; flange 20, bite blocks 21; 30, 31 | | Airway stabilizer & positioner, with dental flange |
| 6561192 | 5/13/2003 | Palmer, Cha | Entire; esp. Fig. 2 | | Airway stabilizer, external; adhesive attachment to external cheek wall |
| 6533761 | 3/18/2003 | Bertoch, Tod | Entire | | Airway stabilizer, inflatable; external lip shield 10, hooks 13, strap 14 |
| 5894840 | 4/20/1999 | King, Georg | Entire; esp. Figs 1-6 | | Airway stabilizer; retainers, internal & external; lips & outer cheek |
| 5927276 | 7/27/1999 | Rodriguez, P | Entire | | Airway stabilizer; external cheek, upper & lower jaw, mouth portions |
| 5941246 | 8/24/1999 | Roopchand, P | Entire | | Airway stabilizing clip, mouth guard, bite block |
| 5921240 | 7/13/1999 | Gall, Robert | Entire | | Airway, central, bite block; positioning flange between lips and teeth |
| 2882893 | 4/21/1959 | Godfroy, N.A | Entire; Figs 1-4; cols 1-4 | | Airway, central, throat; positioning flanges; 16, 20 at front; resilient |
| 2756742 | 7/31/1956 | Barton, R. T. | Figs 1-6; sleeve 10, jaw prop 11, crown 12, blade 21 | | Airway, central, tracheal; tongue depressor, jaw prop 11 |
| 4112936 | 9/12/1978 | Blachly, Paul | Entire | | Airway, central, with tongue depressor; positioning flange, bite block |
| 5507284 | 4/16/1996 | Daneshvar, P | Figs 5-16 | | Airway, central; adjustable tube cross-sections; positioning devices |
| 1674336 | 6/19/1928 | King, E.J. | Entire; Figs 1-3; pp. 1-2 | | Airway, central; bite block; flange between lips and teeth |
| 5046512 | 9/10/1991 | Murchie, Joh | Entire | | Airway, central; blockable by user's tongue; bite block |
| 6408851 | 6/25/2002 | Karell, Manu | Figs. 3, 4, 5 | | Airway, central; dental anchor; tongue impalement bar 80; bite block |
| 4715368 | 12/29/1987 | George, Pet | Entire | | Airway, central; dental anchors with cheek-side portion 2, wire clasps |
| 6244865 | 6/12/2001 | Nelson, Dale | Figs. 1-4; passageway 20; flange 16 | | Airway, central; mouth piece, bite block, lip-sealing flange |
| 0587358 | 8/31/1897 | Anderson, S | Entire | | Airway, central; mouthpiece, bite block, external retainer strap |
| 6263877 | 7/24/2001 | Gall, Robert | Entire | | Airway, central; stabilizing & sealing plate between lips and teeth |
| 4071026 | 1/31/1978 | Bevins, Jess | Entire; Figs 1-4; 7; Cols 1-4; esp. col 4, 1.5-20 | | Airway, cheek-side version Fig. 7; lip retainer & seal; seal; filter |
| 5682903 | 11/4/1997 | Meade, Tho | Entire; Fig. 4, channel 28; cols. 2: 50-57 & 7: 10-19 | | Airway, cheek-side channel 28; no lip-passing tube; jaw and tongue control |
| 4170230 | 10/9/1979 | Nelson, Byro | Entire | | Airway, cheek-side dual path; multi-opening; retainers, lip & outer cheek |
| 4262666 | 4/21/1981 | Nelson, Byro | Entire | | Airway, cheek-side; retainer, lip |
| 4275725 | 6/30/1981 | Nelson, Byro | Entire | | Airway, cheek-side; retainer, lip, outer cheek; lip seal |
| 4261354 | 4/14/1981 | Nelson, Byro | Entire | | Airway, cheek-side; stabilizer, cheek-side; retainer, lip; lip seal |
| 4289127 | 9/15/1981 | Nelson, Byro | Entire | | Airway, cheek-side; stabilizers, cheek-side; retainer, lip, outer cheek; |
| 0774446 | 11/8/1904 | Moulton, S.A | Entire | | Airway, stabilizing flange between lips and teeth; supplements nasal flow |
| 0746869 | 12/15/1903 | Moulton, S.A | Entire | | Airway, stabilizing flange between lips and teeth; supplements nasal flow |
| 4669459 | 6/21/1987 | Spiewak, Ma | Entire | | Dental anchor for palate vibration control button |
| 0406647 | 3/9/1999 | Wagner, Eu | Entire | | Dental device with airway between front teeth |
| 5427117 | 6/27/1995 | Thornton, W | Entire, esp. Fig. 4, elements 34, 36 | | Dental device with airway; jaw control; bite-block |

EXAMINER
SIGNATURE

Burkhardt

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| EXAMINER | DOCUMENT | DATE | INVENTOR | FIG. COLUMN | LINE/CITES | CONCISE STATEMENT OF RELEVANCE |
|-----------|------------|--------------------|--|-------------|------------|---|
| 5313960 | 5/24/1994 | Tomas, Bar | Entire; esp. Figs 26, 27; element 72 | | | Dental device with central airway, jaw control |
| 5092346 | 3/3/1992 | Hays, Marvin | Entire | | | Dental device with central airway; ramp cams mandible; forming method |
| 5117816 | 6/2/1992 | Shapiro, Nor | Entire; esp. Fig. 1, airway 25 | | | Dental device with central airway; supplements nasal flow; thermoplastic |
| 6450167 | 9/17/2002 | David, Michel | Entire; esp. Fig. 8, loops 19 | | | Dental device, jaw, tongue & palate controls; elastic loop controls 19 |
| 5003994 | 4/2/1991 | Cook, George | Entire | | | Dental device, gum-engaging; cam advances user's mandible; method |
| 5915385 | 6/29/1999 | Hakimi, Farid | Entire | | | Dental device, jaw control cam 28, soft palate support, bite block |
| 5566683 | 10/22/1996 | Thornton, W | Entire | | | Dental device, jaw control, adjustable |
| 6516805 | 2/11/2003 | Thornton, W | Entire | | | Dental device, jaw control, adjustable, no airway |
| 5829441 | 11/3/1998 | Kidd, Lisa A. | Entire | | | Dental device, jaw control, adjustable; no airway |
| 6305376 | 10/23/2001 | Thornton, W | Entire, esp. clasp 34 and engager 104 | | | Dental device, jaw control, adjustable; no airway |
| 5868138 | 2/9/1999 | Halstrom, Le | Entire | | | Dental device, jaw control, adjustable; no airway |
| 5954048 | 9/21/1999 | Thornton, W | Figs. 6a-6c, 7, tensile member 48, lip bumper 36 | | | Dental device, jaw control; no airway, lips seal bumper 36; tongue stud 60 |
| 5755219 | 5/26/1998 | Thornton, W | Entire, esp. tensile member 24 | | | Dental device, jaw control; tensile member connecting upper & lower |
| 6247926 | 6/19/2001 | Thornton, W | Entire | | | Dental device, method of forming mold of user's teeth |
| 4992046 | 2/12/1991 | Sharp, Harry | Figs 1-10, hollows 50, openings 52, passages 54, 56 | | | Dental mouth prop with fluid evacuation tubes |
| 3857181 | 12/31/1974 | Rappaport, Fig 1-2 | | | | Dental shield; cheek-side flange (wing-like portion 20) |
| 5642738 | 7/31/1997 | Lilly, Frank T | Entire; esp. Fig. 1 | | | Mouth block; flexible membrane fits between gums and lips |
| 2424533 | 7/22/1947 | Faires, W.J. | Entire | | | Mouth block; spring adapts flange between lips & teeth to jaw movement |
| 4200089 | 4/29/1980 | Inoue, Masa | Figs 1 - 5 | | | Mouth corner spreader, spring arm 9 |
| 5957133 | 9/28/1999 | Hart, William | Entire | | | Tongue & soft palate control by vacuum; air pressure monitoring tube |
| 3132647 | 5/12/1964 | Cornello, G. | Figs 1 - 8 | | | Tongue control anchored by dental device; tubular passage 70 |
| 6494209 | 12/17/2002 | Kulick, Geor | Entire | | | Tongue control, vacuum; central airways; bite block; lip seal |
| 4304227 | 12/8/1981 | Samelson, C | Entire | | | Tongue control, vacuum; eliminates oral breathing; plate 16, 17 seals mouth |
| 4169473 | 10/2/1979 | Samelson, C | Entire | | | Tongue control, vacuum; eliminates oral breathing; plate 16, 17 seals mouth |
| 2002/0117 | 8/29/2002 | Dort, Leslie | Entire (U.S. Pub. No. 2002/0117178 A1) | | | Tongue control, vacuum; flange between lips and teeth; no airway |
| 5813857 | 9/29/1998 | Hertz, Reub | Fig 2 | | | Tongue deflector, placed between tongue & teeth in mandible; saliva tube |
| 5465734 | 11/14/1995 | Alvarez, Ra | Entire | | | Tongue sleeve with central airways 8, 80, 81; lip shields, bite block |
| 5649540 | 7/22/1997 | Alvarez, Ra | Entire; Fig. 1, channel 8; Figs. 9A, 11, & 16, airways | | | Tongue sleeve with central airways; shield 36 engages lips |

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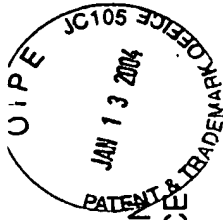
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|-----------|--------------------|------------|--|------------------------|---|
| 0406647 | Wagner, Eu | 3/9/1999 | Entire | | Dental device with airway between front teeth |
| 0587358 | Anderson, S | 8/3/1897 | Entire | | Airway, central; mouthpiece, bite block, external retainer strap |
| 0746869 | Moulton, S.A | 12/15/1903 | Entire | | Airway, stabilizing flange between lips and teeth; supplements nasal flow |
| 0774446 | Moulton, S.A | 11/8/1904 | Entire | | Airway, stabilizing flange between lips and teeth; supplements nasal flow |
| 1674336 | King, E.J. | 6/19/1928 | Entire; Figs 1 - 3; pp. 1-2 | | Airway, central; bite block; flange between lips and teeth |
| 2002/0117 | Dort, Leslie | 8/29/2002 | Entire (U.S. Pub. No. 2002/0117178 A1) | | Tongue control, vacuum; flange between lips and teeth; no airway |
| 2424533 | Faires, W.J. | 7/22/1947 | Entire | | Mouth block; spring adapts flange between lips & teeth to jaw movement |
| 2756742 | Barton, R. T. | 7/31/1956 | Figs 1-6; sleeve 10, jaw prop 11, crown 12, blade 21 | | Airway, central, tracheal; tongue depressor; jaw prop 11 |
| 2882893 | Godfrey, N.A | 4/21/1959 | Entire; Figs 1 - 4; cols 1-4 | | Airway, central, throat; positioning flanges 16, 20 at front; resilient |
| 3132647 | Cornello, G. | 5/12/1964 | Figs 1 - 8 | | Tongue control anchored by dental device; tubular passage 70 |
| 3857181 | Rappaport, Fig 1-2 | 12/31/1974 | Fig 1-2 | | Dental shield; cheek-side flange (wing-like portion 20) |
| 4071026 | Bevins, Jess | 1/31/1978 | Entire; Figs 1-4, 7; Cols 1-4; esp. col 4, 1.5-20 | | Airway, cheek-side version Fig. 7; lip retainer & seal; seal; filter |
| 4112936 | Blachly, Paul | 9/12/1978 | Entire | | Airway, central, with tongue depressor; positioning flange, bite block |
| 4169473 | Samelson, C | 10/2/1979 | Entire | | Tongue control, vacuum; eliminates oral breathing; plate 16, 17 seals mouth |
| 4170230 | Nelson, Byro | 10/9/1979 | Entire | | Airway, cheek-side dual path; multi-opening; retainers, lip & outer cheek |
| 4200089 | Inoue, Masa | 4/29/1980 | Figs 1 - 5 | | Mouth corner spreader, spring arm 9 |
| 4261354 | Nelson, Byro | 4/14/1981 | Entire | | Airway, cheek-side; stabilizer, cheek-side; retainer, lip; lip seal |
| 4262666 | Nelson, Byro | 4/21/1981 | Entire | | Airway, cheek-side; retainer, lip |
| 4275725 | Nelson, Byro | 6/30/1981 | Entire | | Airway, cheek-side; retainer, lip, outer cheek; lip seal |
| 4289127 | Nelson, Byro | 9/15/1981 | Entire | | Airway, cheek-side; stabilizers, cheek-side; retainer, lip, outer cheek; |
| 4304227 | Samelson, C | 12/8/1981 | Entire | | Tongue control, vacuum; eliminates oral breathing; plate 16, 17 seals mouth |
| 4553549 | Pope, Bryan | 11/19/1985 | Entire | | Air equalizer flex conduit, cheek path; interocclusal baffle; palate anchor |
| 4669459 | Spiewak, Ma | 6/2/1987 | Entire | | Dental anchor for palate vibration control button |
| 4715368 | George, Pet | 12/29/1987 | Entire | | Airway, central; dental anchors with cheeks side portion 2, wire clasps |
| 4992046 | Sharp, Harry | 2/12/1991 | Figs 1-10, hollows 50, openings 52, passages 54, 56 | | Dental mouth prop with fluid evacuation tubes |
| 5003994 | Cook, Georg | 4/2/1991 | Entire | | Dental device, gum-engaging; cam advances user's mandible; method |
| 5046512 | Murchie, Joh | 9/10/1991 | Entire | | Airway, central; blockable by user's tongue; bite block |
| 5092346 | Hays, Marvin | 3/3/1992 | Entire | | Dental device with central airway; ramp cams mandible; forming method |
| 5117816 | Shapiro, Nor | 6/2/1992 | Entire; esp. Fig. 1, airway 25 | | Dental device with central airway; supplements nasal flow; thermoplastic |
| 5313960 | Tomas, Bar | 5/24/1994 | Entire; esp. Figs 26, 27; element 72 | | Dental device with central airway, jaw control |
| 5427117 | Thornton, W | 6/27/1995 | Entire, esp. Fig. 4, elements 34, 36 | | Dental device with airway; jaw control; bite block |

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CONCISE STATEMENT OF RELEVANCE

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U.S. PATENT DOCUMENTS

| EXAMINER | DOCUMENT | DATE | INVENTOR N | FIG; COLUMN; LINE CITES | CONCISE STMT OF RELEVANCE |
|----------|----------|------------|----------------|--|--|
| W | 5465734 | 11/14/1995 | Alvarez, Ra | Entire | Tongue sleeve with central airways 8, 80, 81; lip shields, bite block |
| W | 5507284 | 4/16/1996 | Daneshvar, | Figs 5 - 16, | Airway, central; adjustable tube cross-sections; positioning devices |
| | 5566683 | 10/22/1996 | Thornton, W | Entire | Dental device, jaw control, adjustable |
| | 5642738 | 7/31/1997 | Lilly, Frank T | Entire; esp. Fig. 1 | Mouth block; flexible membrane fits between gums and lips |
| | 5649540 | 7/22/1997 | Alvarez, Ra | Entire; Fig. 1, channel 8; Figs. 9A, 11, & 16, airways | Tongue sleeve with central airways; shield 36 engages lips |
| | 5682903 | 11/14/1997 | Meade, Tho | Entire; Fig. 4, channel 28; cols. 2: 50-57 & 7: 10-19 | Airway, cheek-side channel 28; no lip-passing tube; jaw and tongue control |
| | 5740791 | 4/21/1998 | Aves, Teodu | Figs 1, 2, 4, 6, 7; flange 20, bite blocks 21; 30, 31 | Airway stabilizer & positioner, with dental flange |
| | 5755219 | 5/26/1998 | Thornton, W | Entire, esp. tensile member 24 | Dental device, jaw control; tensile member connecting upper & lower |
| | 5813857 | 9/29/1998 | Hertz, Reub | Fig 2 | Tongue deflector, placed between tongue & teeth in mandible; saliva tube |
| | 5829441 | 11/3/1998 | Kidd, Lisa A. | Entire | Dental device, jaw control, adjustable; no airway |
| | 5868138 | 2/9/1999 | Halstrom, Le | Entire | Dental device, jaw control, adjustable; no airway |
| | 5894840 | 4/20/1999 | King, Georg | Entire; esp. Figs 1 - 6. | Airway stabilizer; retainers, internal & external; lips & outer cheek |
| | 5915385 | 6/29/1999 | Hakimi, Farh | Entire | Dental device, jaw control cam 28, soft palate support, bite block |
| | 5921240 | 7/13/1999 | Gall, Robert | Entire | Airway, central, bite block; positioning flange between lips and teeth, |
| | 5927276 | 7/27/1999 | Rodriguez, P | Entire | Airway stabilizer; external cheek, upper & lower jaw, mouth portions |
| | 5941246 | 8/24/1999 | Roopchand, | Entire | Airway stabilizing clip, mouth guard, bite block |
| | 5954048 | 9/21/1999 | Thornton, W | Figs. 6a -6c, 7, tensile member 48, lip bumper 36 | Dental device, jaw control; no airway, lips seal bumper 36; tongue stud 60 |
| | 5957133 | 9/28/1999 | Hart, William | Entire | Tongue & soft palate control by vacuum; air pressure monitoring tube |
| | 6244865 | 6/12/2001 | Nelson, Dale | Figs. 1 - 4; passageway 20; flange 16 | Airway, central; mouth piece, bite block, lip-sealing flange |
| | 6247926 | 6/19/2001 | Thornton, W | Entire | Dental device, method of forming mold of user's teeth |
| | 6263877 | 7/24/2001 | Gall, Robert | Entire | Airway, central; stabilizing & sealing plate between lips and teeth |
| | 6305376 | 10/23/2001 | Thornton, W | Entire, esp. clasp 34 and engager 104 | Dental device, jaw control, adjustable; no airway |
| | 6408851 | 6/25/2002 | Karell, Manu | Figs. 3, 4, 5 | Airway, central; dental anchor; tongue impalement bar 80; bite block |
| | 6450167 | 9/17/2002 | David, Miche | Entire; esp. Fig. 8, loops 19 | Dental device, jaw, tongue & palate controls; elastic loop controls 19 |
| | 6494209 | 12/17/2002 | Kulick, Geor | Entire | Tongue control, vacuum; central airways; bite block; lip seal |
| | 6516805 | 2/11/2003 | Thornton, W | Entire | Dental device, jaw control, adjustable, no airway |
| W | 6533761 | 3/18/2003 | Bertoch, Tod | Entire | Airway stabilizer, inflatable; external lip shield 10, hooks 13, strap 14 |
| W | 6561192 | 5/13/2003 | Palmer, Cha | Entire; esp. Fig. 2 | Airway stabilizer, external; adhesive attachment to external cheek wall |

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